Preliminary Classification:

Proposed Class:

Subclass:

NOTE: "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129." M.P.E.P. Section 601, 7th ed.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Mail Stop Patent Application Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

### NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): James F. CAMERON, Peter TREFONAS and George G. BARCLAY

## CERTIFICATION UNDER 37 C.F.R. 1.10\*

(Express Mail label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on this date April 9, 2004, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EV438978389US addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria Virginia 22313-1450.

(type or frint name of person mailing paper)

Peter F. Corless

Signature of person mailing paper

**WARNING:** 

Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to

obtain a date of mailing or transmission for this correspondence.

\*WARNING:

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label

placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under  $\S$  1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442

**WARNING:** 37 C.F.R. Section 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by Section 1.63, except as provided for in Section 1.53(d)(4) and Section 1.63(d). If an oath or declaration as prescribed by Section 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to Section 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in Section 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

#### For (title): PHOTORESISTS AND METHODS FOR USE THEREOF

#### 1. Type of Application

This new application is for a(n)

|        |                   | (check one applicable item below)   |
|--------|-------------------|---|
|        | [X]<br>[ ]<br>[ ] | Original (nonprovisional) Design Plant  |
| WARNI  | VG:               | <b>Do not</b> use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application. |
| WARNII | VG:               | Do not use this transmittal for the filing of a provisional application.  |
| TRANS  |                   | the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION<br>HITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT<br>ATION OF THE FILING OF THIS CONTINUATION APPLICATION.           |
|        | [ ]<br>[ ]<br>[ ] | Divisional. Continuation. Continuation-in-part (C-I-P).   |

#### 2. Benefit of Prior U.S. Application(s) (35 U.S.C. Sections 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. Section 112. Each prior application must also be:

> (I) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or

- (ii) Complete as set forth in Section 1.51(b); or
- (iii) Entitled to a filing date as set forth in Section 1.53(b) or Section 1.53(d) and include the basic filing fee set forth in Section 1.16; or
- (iv) Entitled to a filing date as set forth in Section 1.53(b) and have paid therein the processing and retention fee set forth in Section 1.21(l) within the time period set forth in Section 1.53(f).

37 C.F.R. Section 1.78(a)(1).

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

**WARNING:** 

If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

**WARNING:** 

When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. Section 1.78(a)(3).

[X] The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

# 3. Papers Enclosed

A. Required for Filing Date under 37 C.F.R. Section 1.53(b) (Regular) or 37 C.F.R. Section 1.153 (Design) Application

\_46\_ Pages of Specification

\_5 Pages of Claims

\_\_0\_ Sheets of Drawing

**WARNING:** 

**DO NOT** submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and nonshiny paper and meet the standards according to Section 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. 1.84, see Notice of March 9, 1988. (1990 O.G. 57-62).

"Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, NOTE: docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top of the page. . . " 37 C.F.R. Section 1.84(c)). (complete the following, if applicable) [] The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. Section 1.84(b). Formal [] [] Informal В. Other Papers Enclosed Pages of declaration and power of attorney (copy from parent application) \_\_\_\_\_ Pages of Abstract \_\_\_\_ Other 4. **Additional Papers Enclosed** [] Amendment to claims Cancel in this applications claims \_\_\_\_\_\_ before calculating the [] filing fee. (At least one original independent claim must be retained for filing purposes.) Add the claims shown on the attached amendment. (Claims added have been [ ] numbered consecutively following the highest numbered original claims.) [] Preliminary Amendment [] Information Disclosure Statement (37 C.F.R. Section 1.98) [] Form PTO-1449 (PTO/SB/08A and 08B) [] Citations [] Declaration of Biological Deposit [] Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence. [] Authorization of Attorney(s) to Accept and Follow Instructions from Representative [] Special Comments

5. Declaration or Oath (including power of attorney)

[]

Other:

NOTE: A newly executed declaration is not required in a continuation or divisional application provided the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under Section 1.47 then a copy of that declaration must be filed accompanied by a copy of the decision granting Section 1.47 status or, if a nonsigning person under Section 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. Section 1.63(d)(1)-(3).

NOTE: A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and the residence, post office address and country of citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 C.F.R. Section 1.63(a)(1)-(4).

NOTE: A The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by Section 1.62, except as provided for in Section 1.53(d)(4) and Section 1.63(d). If an oath or declaration as prescribed by Section 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to Section 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in Section 1.17(l) is filed supplying or changing the name or names of the inventor or inventors. 37 C.F.R. Section 1.41(a)(1).

| l J | Enclosed (copy from parent application)   |   |  |  |
|-----|---|---|--|--|
|     | Execu   | ated by   |  |  |
|     |   | (check all applicable boxes)  |  |  |
|     | []  | inventor(s).  |  |  |
|     | []  | legal representative of inventor(s). 37 C.F.R. Section 1.42 or 1.43.  |  |  |
|     | [ ] joint inventor or person showing a proprietary interest on behalf of in refused to sign or cannot be reached. |   |  |  |
|     |   | [ ] This is the petition required by 37 C.F.R. Section 1.47 and the statement required by 37 C.F.R. Section 1.47 is also attached. See item 13 below for fee. |  |  |
| [X] | Not E   | inclosed.   |  |  |

NOTE: Where the filing is a completion in the U.S. of an International Application, or where the completion of the U.S. application contains subject matter in addition to the International Application, the application may be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.

[X] Application is made by a person authorized under 37 C.F.R. 1.41 on behalf of *all* the above named inventor(s).

(The declaration or oath, along with the surcharge required by 37 C.F.R. Section 1.16(e), can be filed subsequently).

[ ] Showing that the filing is authorized.

(not required unless called into question. 37 C.F.R. Section 1.41(d))

6. Inventorship Statement

| The inventorship for all the claims in this application are:   |    |
|--|----|
| ( ) m  |    |
| [ ] The same.  |    |
| Not the same. An explanation, including the ownership of the various claims at the tire the last claimed invention was made,  [ ] is submitted.  [ ] will be submitted.  | ne |
| 7. Language  |    |
| NOTE: An application including a signed oath or declaration may be filed in a language other than English. An English translation of the non-English language application and the processing fee of \$130.00 required by 37 C.F.R. Section 1.17(k) is required to be filed with the application, or within such time as may be set by the Office. 37 C.F.R. Section 1.52(d). |    |
| <ul> <li>[X] English</li> <li>[] Non-English</li> <li>[] The attached translation includes a statement that the translation is accurate. 3         C.F.R. Section 1.52(d).     </li> </ul>   | 17 |
| 8. Assignment  |    |
| [ ] An assignment of the invention to  [ ] is attached. A separate [ ] "COVER SHEET FOR ASSIGNMENT   |    |
| NOTE: "If an assignment is submitted with a new application, send two separate letters-one for the application and one for the assignment" Notice of May 4, 1990 (1114 O.G. 77-78).  | r  |
| WARNING: A newly executed "STATEMENT UNDER 37 C.F.R. Section 3.73(b)" must be filed when a continuation-in part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.  | n- |
| 9. Certified Copy  |    |

Certified copy(ies) of application(s)

| Country | v Ap | oln. No. | Filed |  |
|---------|------|----------|-------|--|
|         |      |          |       |  |

from which priority is claimed

 $[\ ]$ 

is (are) attached.

[ ] will follow.

NOTE: The foreign application forming the basis for the claim for priority must be referred to in the oath or declaration. 37 C.F.R. Section 1.55(a) and 1.63.

NOTE: This item is for any foreign priority for which the application being filed directly relates. If any parent U.S. application or International Application from which this application claims benefit under 35 U.S.C. 120 is itself entitled to priority from a prior foreign application, then complete item 18 on the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

# 10. Fee Calculation (37 C.F.R. Section 1.16)

A. [X] Regular application

## CLAIMS AS FILED

| Claims   | Number<br>Filed | Basic Fee<br>Allowance | Number<br>Extra | Rate       | Basic Fee<br>37 C.F.R. 1.16(a)<br>\$770.00 |
|--|-----------------|------------------------|-----------------|------------|--|
| Total Claims<br>(37 CFR 1.16(c))                           | 10              | - 20 =                 | 0               | x \$ 18.00 | \$0  |
| Independent Claims<br>(37 CFR 1.16(b))                     | 2               | - 3 =                  | 0               | x \$86.00  | \$0  |
| Multiple Dependent<br>Claim(s), if any<br>(37 CFR 1.16(d)) | 0               |                        | +               | \$280.00   | \$0  |

|  | Ameno | dment canc | elling ( | extra c | laims | is enc | losed. |
|--|-------|------------|----------|---------|-------|--------|--------|
|--|-------|------------|----------|---------|-------|--------|--------|

[ ] Amendment deleting multiple-dependencies is enclosed.

[ ] Fee for extra claims is not being paid at this time.

NOTE: If the fees for extra claims are not paid on filing they must be paid or the claims cancelled by amendment, prior to the expiration of the time period set for response by the Patent and Trademark Office in any notice of fee deficiency. 37 C.F.R. Section 1.16(d).

Filing Fee Calculation \$ 770.00

**B.** [ ] Design application (\$320.00--37 C.F.R. Section 1.16(f))

|       |                                     |                           |  | Filing Fee Calculation           | \$  |  |  |  |  |
|-------|-------------------------------------|---------------------------|--|----------------------------------|---|--|--|--|--|
|       | C.                                  | [ ]<br>(\$490.0           | Plant application 0037 C.F.R. Section 1.   | 16(g))<br>Filing Fee Calculation | \$  |  |  |  |  |
| 11.   | Small I                             | Entity S                  | tatement(s)  |                                  |   |  |  |  |  |
|       | []                                  | Applic                    | ant claims small entity sta  | tus.                             |   |  |  |  |  |
|       |                                     |                           | (complete the j  | following, if applicable)        |   |  |  |  |  |
|       |                                     | Filing l                  | Fee Calculation (50% of A  | A, B or C above)                 | \$·   |  |  |  |  |
| NOTE: |                                     |                           |  |                                  | d refund request are filed within 2 months<br>le under Section 1.136. 37 C.F.R. Section |  |  |  |  |
| 12.   | Reques                              | t for Int                 | ternational-Type Search  | (37 C.F.R. Section 1.104         | (d))  |  |  |  |  |
|       |                                     | (complete, if applicable) |  |                                  |   |  |  |  |  |
|       | []                                  |                           | prepare an international-<br>l examination on the meri   |                                  | his application at the time when  |  |  |  |  |
| 13.   | Fee Payment Being Made at This Time |                           |  |                                  |   |  |  |  |  |
|       | [X]                                 | Not En [X]                | No filing fee is to be paid  |                                  | R. Section 1.16(e) can be paid  |  |  |  |  |
|       | []                                  | ·                         |  |                                  |   |  |  |  |  |
|       |                                     | []                        | Filing fee   |                                  | \$  |  |  |  |  |
|       |                                     | []                        | Recording assignment<br>(\$40.00; 37 C.F.R. Section<br>(See attached "COVER!<br>ASSIGNMENT ACCOMAPPLICATION.") | SHEET FOR                        | \$  |  |  |  |  |
|       |                                     | []                        | Petition fee for filing by than all the inventors or p   |                                  |   |  |  |  |  |

(Application Transmittal—page 8 of 11)

|          |                       |   | on behalf of the inventor where inventor refused to sign or cannot be reached  |  |  |  |
|----------|-----------------------|---|--|--|--|--|
|          |                       |   | (\$130.00; 37 C.F.R. Sections 1.47 and 1.17(i))\$  |  |  |  |
|          |                       | []  | For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. Sections 1.52(d) and 1.17(k  | ))\$   |  |  |
|          |                       | []  | Processing and retention fee (\$130.00; 37 C.F.R. Sections 1.53(d) and 1.21(l)   | ))\$   |  |  |
|          |                       | []  | Fee for international-type search report (\$40.00; 37 C.F.R. Section 1.21(e))  | \$   |  |  |
| NOTE:    | complete<br>and 1.78( | the applicates (a)(1), indi   | 1.21(l) establishes a fee for processing and retaining any a<br>ation pursuant to 37 C.F.R. Section 1.53(f) and this, as well<br>icate that in order to obtain the benefit of a prior U.S. app<br>sing and retention fee of Section 1.21(l) must be paid, with | l as the changes to 37 C.F.R. Section 1.53 lication, either the basic filing fee must be |  |  |
|          |                       |   | Total Fees Enclosed  | \$   |  |  |
| 14.      | Method                | l of Payı   | ment of Fees   | ·  |  |  |
|          | []                    | Charge  | in the amount of \$ Account No in the amount of \$ cate of this transmittal is attached.   |  |  |  |
| NOTE:    | Fees show             | ıld be item   | ized in such a manner that it is clear for which purpose the fo  | ees are paid. 37 C.F.R. Section 1.22(b).   |  |  |
| 15.      | Author                | ization t   | o Charge Additional Fees   |  |  |  |
| WARNI    | NG:                   | If no fees  | are to be paid on filing, the following items should <u>not</u> be co  | ompleted.  |  |  |
| WARNING: |                       | Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized. |  |  |  |  |
|          | []                    |   | ommissioner is hereby authorized to charge the and during the entire pendency of this application  | <u> </u>   |  |  |
|          |                       | []  | 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees) 37 C.F.R. Section 1.16(b), (c) and (d) (presentate   | ion of extra claims)   |  |  |
| MOTE     | D                     |   |  |  |  |  |

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any

|  | notice of fee deficiency (37 C.F.R. Section 1.16(d)), it might be best not to authorize the PTO to charge additing fees, except possibly when dealing with amendments after final action.  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  | []   | 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application) |  |  |  |  |  |
|  | []   | 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).   |  |  |  |  |  |
|  | []   | 37 C.F.R. Section 1.17 (application processing fees)   |  |  |  |  |  |
| NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent requiring a petition for an extension of time under this paragraph for its timely submission, as incorporate extension of time for the appropriate length of time. An authorization to charge all required fees, fees under all required extension of time fees will be treated as a constructive petition for an extension of time in a future reply requiring a petition for an extension of time under this paragraph for its timely submission. So fee set forth in Section 1.17(a) will also be treated as a constructive petition for an extension of time in reply requiring a petition for an extension of time under this paragraph for its timely submission." 3.1.136(a)(3). |  |  |  |  |  |  |  |
|  | []   | 37 C.F.R. Section 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. Section 1.311(b))                           |  |  |  |  |  |
| NOTE:  | Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. Section 1.311(b)).  |  |  |  |  |  |  |
| NOTE:  | 37 C.F.R. Section 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application prior to paying, or at the time of paying, issue fee." From the wording of 37 C.F.R. Section 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity. |  |  |  |  |  |  |
| 16.  | Instructions as to Overpayment   |  |  |  |  |  |  |
| NOTE:  | " Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, not will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. Section 1.26(a).  |  |  |  |  |  |  |
|  | [X] Credit   | Account No04-1105  |  |  |  |  |  |
|  |  | <del></del>  |  |  |  |  |  |

SIGNATURE OF PRACTITIONER Reg. No. 33,860 Peter F. Corless (type or print name of practitioner) EDWARDS & ANGELL, LLP P.O. Box 55874 Tel. No.: (617) 439-4444 P.O. Address Customer No.: 21874 Boston, MA 02205

#### Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)

| [] | Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S Application(s) Claimed   |
|----|--|
|    | Number of pages added  |
| [] | Plus Added Pages for Papers Referred to in Item 4 Above  |
|    | Number of pages added  |
| [] | Plus added pages deleting names of inventor(s) named on prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application. |
|    | Number of pages added  |
| [] | Plus "Assignment Cover Letter Accompanying New Application"  |
|    | Number of pages added  |

#### [X] Statement Where No Further Pages Added

(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item)

This transmittal ends with this page. [X]

#440877

[]

# ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 CFR 1.78.

## 17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(complete the following, if applicable)

[X] Amend the specification by inserting, before the first line, the following sentence:

# A. 35 U.S.C. 119(e)

NOTE: "Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).

[X] "This application claims the benefit of U.S. Provisional Application(s) No(s).:

| APPLICATION NO(S).: | FILING DATE   |
|---------------------|---------------|
| 60/462,409          | April 9, 2003 |
|                     |               |

## B. 35 U.S.C. 120, 121 and 365(c)

NOTE: "Except for a continued prosecution application filed under § 1.53(d), any nonprovisional application claiming the benefit of one or more prior filed copending nonprovisional applications or international applications designating the United States of America must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior application, identifying it by application number (consisting of the series code and serial number) or international application number and international filing date and indicating the relationship of the applications. . . . Cross-references to other related applications may be made when appropriate." (See § 1.14(a)). 37 C.F.R. § 1.78(a)(2).

[ ] "This application is a

|              | [] continuation  |  |   |
|--------------|--|--|---|
|              | [ ] continuation-in-part   |  |   |
|              | [ ] divisional   |  |   |
| of c         | copending application(s)   |  |   |
| []           | application number   | •  |   |
| []           | International Application which is a continuation of   | filed on<br>filed on   | which designated the U.S,   |
| NOTE:        | The proper reference to a prior filed PCT ap<br>the filing date of the PCT application that des  |  | nal phase is the U.S. serial number and   |
| NOTE:        | (1) Where the application being transmitted a continuation-in-part or (2) if it is desired to  |  |   |
| NOTE:        | The deadline for entering the national phase April 28, 1987 (1079 O.G. 32 to 46) as follows  |  | pplication was clarified in the Notice of   |
|              | "The Patent and Trademark Office considers priority date if the United States has been desifiled prior to the expiration of the 19th month Demand for International Preliminary Examines expiration of the 19th month from the priority communicated to the Patent and Trademark international application has not been comperiod respectively, the international application priority date respectively. These periods have 1.495. A continuing application under 35 to international application." | ignated and no Demand for Internation the priority date and until the nation which elected the United State rity date, provided that a copy of k Office within the 20 or 30 montonunicated to the Patent and Trader tion becomes abandoned as to the been placed in the rules as paragra | ional Preliminary Examination has been a 32nd month from the priority date if a ses of America has been filed prior to the the international application has been h period respectively. If a copy of the mark Office within the 20 or 30 month United States 20 or 30 months from the ph (h) of § 1.494 and paragraph (i) of § |
| []           | "The nonprovisional application designment, filed, cla   | gnated above, namely applicat ims the benefit of U.S. Provis   |   |
| APPLI        | CATION NO(S).:   |  | FILING DATE   |
|              | _/   |  | ,,  |
| <del> </del> |  |  | ,,  |
| []           | Where more than one reference is ma  | de above please combine all re   | eferences into one sentence.  |

# 18. Relate Back—35 U.S.C. 119 Priority Claim for Prior Application

The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 17B, in turn itself claim(s) foreign priority(ies) as follows:

| Country       | Application No.   | Filed   |
|---------------|---|---|
| [ ] The       | certified copy(ies) has (have)  |   |
| [] been       | n filed in prior application  | which was filed on  |
| [ ] is (a     | are) attached.  |   |
| [ ] The       | certified copy(ies) will follow   |   |
|               | Bureau may not be relied on without any nee-<br>application. This is so because the certified<br>Bureau is placed in a folder and is not assig<br>folders are disposed of if the national stage is<br>needed later in the prosecution of a continuing<br>documents from the folders and transfer the<br>transfer, retrieve the folders, make suitable rec-<br>such copies in the Continuing Application | that may have been communicated to the PTO by the International d to file a certified copy of the priority application in the continuing copy of the priority application communicated by the International med a U.S. serial number unless the national stage is entered. Such a not entered. Therefore, such certified copies may not be available if application. An alternative would be to physically remove the priority m to the continuing application. The resources required to request ord notations, transfer the certified copies, enter and make a record of are substantial. Accordingly, the priority documents in folders of the national stage may not be relied on. Notice of April 28, 1987 |
| 19. Mainten   | nance of Copendency of Prior Applic   | cation  |
|               |   | d in the prior application extending the term for response is filed with application. Notice of November 5, 1985 (1060 O.G. 27).  |
| <b>A.</b> [ ] | Extension of time in prior application  |   |
| (This item n  |   | ed in the prior application, if the period set in the prior tion has run.)  |
| []            | A petition, fee and response extends th   | e term in the pending <b>prior</b> application until  |
|               | [ ] A copy of the petition filed in prio  | r application is attached.  |
| В. []         | Conditional Petition for Extension of T   | Time in Prior Application   |

| (co | mple | ete ti | his item, if previous item not applicable)  |
|-----|------|--------|---|
|     |      | []     | A conditional petition for extension of time is being filed in the pending <b>prior</b> application.  [ ] A copy of the conditional petition filed in the prior application is attached.  |
| 20. | Fu   | rthe   | r Inventorship Statement Where Benefit of Prior Application(s) Claimed  |
|     |      |        | (complete applicable item (a), (b) and/or (c) below)  |
| (a) | []   | Thi    | s application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are   |
|     |      | []     | the same.   |
|     |      | []     | less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:   |
|     |      |        | (type name(s) of inventor(s) to be deleted)   |
| (b) | []   | Thi    | s application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are  |
|     |      | []     | the same.   |
|     |      | []     | the following additional inventor(s) have been added:   |
|     |      |        | (type name(s) of inventor(s) to be deleted)   |
| (c) | []   | The    | e inventorship for all the claims in this application are   |
|     |      | []     | the same.   |
|     |      | []     | not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made   |
|     |      |        | [ ] is submitted.   |
|     |      |        | [ ] will be submitted.  |
| 21. | Ab   | and    | onment of Prior Application (if applicable)   |
|     | []   | Plea   | ase abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application. |

(Added Page for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed)

NOTE: According to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuation or continuation-in-part application is a proper response with respect to a petition for extension of time or a petition to revive and should include the express abandonment of the prior application conditioned upon the granting of the petition and the granting of a filing date to the continuing application.

## 22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment

**WARNING:** "The claims of a new application may be finally rejected in the first Office action in those situations where (1) the new application is a continuing application of, or a substitute for, an earlier application, and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application, and (b) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." MPEP, § 706.07(b). NOTE: Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered) it may be desirable to file a petition for suspension of prosecution for the time necessary. (check the next item, if applicable) [ ] There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently) 23. Small Entity (37 CFR § 1.28(a)) [ ] Applicant has established small entity status by the filing of a statement in parent application No. [ ] A copy of the statement previously filed is included. WARNING: See 37 CFR § 1.28(a). 24. NOTIFICATION IN PARENT APPLICATION OF THIS FILING A notification of the filing of this (check one of the following) [ ] continuation [ ] continuation-in-part [ ] divisional is being filed in the parent application, from which this application claims priority under 35 U.S.C. § 120. #440880